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AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A <u>dyeable</u> flame resistant fabric, comprising:

inherently flame resistant fibers <u>capable</u> of <u>crystallization</u> that are <u>dyeable</u>

when the fibers are uncrystallized; and

cellulosic fibers that <u>are dyeable and</u> containing a flame retardant compound;
wherein the inherently flame resistant fibers comprise a material selected from
the group consisting of aromatic polyamide, polyamide imide, polyimide, and
combinations thereof;

wherein the cellulosic fibers comprise a material selected from the group consisting of rayon, acetate, triacetate, lyocell, and mixtures thereof.

- 2. (Previously Presented) The fabric of claim 1, wherein the inherently flame resistant fibers comprise meta-aramid fibers.
- 3. (Previously Presented) The fabric of claim 1, wherein the cellulosic fibers comprise rayon fibers.
- 4. (Previously Presented) The fabric of claim 1, wherein the fabric contains a residual amount of dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.

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- 5. (Previously Presented) The fabric of claim 1, wherein the cellulosic fibers contains a phosphorus compound flame retardant in a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.
- 6. (Previously Presented) The fabric of claim 1, wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 191 A Method 5903.1 using a three second exposure.
- 7. (Previously Presented) The fabric of claim 1, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).
- 8. (Previously Presented) The fabric of claim 1, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which results in an L value between approximately 18 and the griege L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.
- 9. (Currently Amended) A dyeable flame resistant fabric, comprising: inherently flame resistant fibers eapable of crystallization that are dyeable when the fibers are uncrystallized; and

cellulosic fibers that are dveable and contain a flame retardant compound; wherein the fabric contains a residual amount of a dye-assistant selected from group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N.Nthe

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dibutylformamide, N,N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,Ndimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, an approximately 50/50 blend of N,N-dimethylcaprylamide N,Nand dimethylcapramide, and mixtures thereof.

- 10. (Previously Presented) The fabric of claim 9, wherein the dye-assistant is selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.
- 11. (Previously Presented) The fabric of claim 9, wherein the inherently flame resistant fibers comprise a material selected from the group consisting of aromatic polyamide, polyamide imide, polyimide, and combinations thereof.
- 12. (Previously Presented) The fabric of claim 9, wherein the inherently flame resistant fibers comprise meta-aramid fibers.
- 13. (Previously Presented) The fabric of claim 9, wherein the cellulosic fibers comprise rayon, acetate, triacetate, lyocell, or mixtures thereof.
- 14. (Previously Presented) The fabric of claim 9, wherein the cellulosic fibers comprise rayon fibers.
- 15. (Previously Presented) The fabric of claim 9, wherein the cellulosic fibers contains a phosphorus compound flame retardant in a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.
- 16. (Previously Presented) The fabric of claim 9, wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a

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vertical flammability test conducted in accordance with FTMS 191 Method 5903.1 using a three second exposure.

- 17. (Previously Presented) The fabric of claim 9, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).
- 18. (Previously Presented) The fabric of claim 9, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the griege L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.
- 19. (Currently Amended) A <u>dveable</u> flame resistant fabric, comprising:

 inherently flame resistant fibers capable of erystallization that are <u>dyeable</u>

 when the fibers are <u>uncrystallized</u>;

cellulosic fibers that <u>are dyeable and</u> contain a phosphorous compound; wherein the phosphorus compound comprises a concentration of at least

approximately 1.4% phosphorus by weight of cellulosic fiber component.

- 20. (Previously Presented) The fabric of claim 19, wherein the inherently flame resistant fibers comprise a material selected from the group consisting of aromatic polyamide, polyamide imide, polyimide, and combinations thereof.
- 21. (Previously Presented) The fabric of claim 19, wherein the inherently flame resistant fibers comprise meta-aramid fibers.

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- 22. (Previously Presented) The fabric of claim 19, wherein the cellulosic fibers comprise rayon, acetate, triacetate, lyocell, or combinations thereof.
- 23. (Previously Presented) The fabric of claim 19, wherein the cellulosic fibers comprise rayon fibers.
- 24. (Previously Presented) The fabric of claim 19, wherein the fabric contains a residual amount of dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.
- 25. (Previously Presented) The fabric of claim 19, wherein the fabric exhibits a duration of conducted in accordance with FTMS 191A Method 5903.1 using a three second exposure.
- 26. (Previously Presented) The fabric of claim 19, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).
- 27. (Previously Presented) The fabric of claim 19, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the griege L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.
- 28. (Currently Amended) A <u>dyeable</u> flame resistant fabric, comprising:

 inherently flame resistant fibers capable of crystallization that are <u>dyeable</u>

 when the fibers are uncrystallized; and

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cellulosic fibers that are dyeable and contain a flame retardant compound;

wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 191A Method 5903.1 using a three second exposure.

- 29. (Previously Presented) The fabric of claim 28, wherein the inherently flame resistant fibers comprise a material selected from the group consisting of aromatic polyamide, polyamide imide, polyimide, and combinations thereof.
- 30. (Previously Presented) The fabric of claim 28, wherein the inherently flame resistant fibers comprise meta-aramid fibers.
- 31. (Previously Presented) The fabric of claim 28, wherein the cellulosic fibers comprise rayon, acetate, triacetate, lyocell, or combinations thereof.
- 32. (Previously Presented) The fabric of claim 28, wherein the cellulosic fibers comprise rayon fibers.
- 33. (Previously Presented) The fabric of claim 28, wherein the fabric contains a residual amount of dye-assistant selected from the group consisting of Ncyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.
- 34. (Previously Presented) The fabric of claim 28, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).
- (Previously Presented) The fabric of claim 28, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result

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in an L value between approximately 18 and the griege L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

36. (Currently Amended) A <u>dyeable</u> flame resistant fabric, comprising:

inherently flame resistant fibers capable of crystallization that are dyeable
when the fibers are uncrystallized; and

cellulosic fibers that are dyeable and contain a flame retardant compound;
wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

- 37. (Previously Presented) The fabric of claim 36, wherein the inherently flame resistant fibers comprise a material selected from the group consisting of aromatic polyamide, polyamide imide, polyamide, and combinations thereof.
- 38. (Previously Presented) The fabric of claim 36, wherein the inherently flame resistant fibers comprise meta-aramid fibers.
- 39. (Previously Presented) The fabric of claim 36, wherein the cellulosic fibers comprise rayon, acetate, triacetate, lyocell, or combinations thereof.
- 40. (Previously Presented) The fabric of claim 36, wherein the cellulosic fibers comprise rayon fibers.
- 41. (Previously Presented) The fabric of claim 36, wherein the fabric contains a residual amount of dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.

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42. (Previously Presented) The fabric of claim 36, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the griege L value for the fabric approximately if the inherently flame resistant fibers were used to form a fabric

43. (Currently Amended) A dyeable flame resistant fabric, comprising:

composed exclusively of the inherently flame resistant fibers.

inherently flame resistant fibers eapable of erystallization that are dyeable

when the fibers are uncrystallized; and

cellulosic fibers that <u>are dyable and</u> contained a flame retardant compound in fiber form.

44. (Previously Presented) The fabric of claim 43, wherein the fabric contains a residual amount of a dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N-N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, an approximately 50/50 blend of N,N-dimethylcaprylamide and N,N-dimethylcapramide, and mixtures thereof.

45. (Previously Presented) The fabric of claim 43, wherein the dyeassistant is selected from the group consisting of N-cyclohexylpytrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.

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- (Previously Presented) The fabric of claim 43, wherein the inherently 46. flame resistant fibers comprise a material selected from the group consisting of aromatic polyamide, polyamide imide, polyimide, and combinations thereof.
- (Previously Presented) The fabric of claim 43, wherein the inherently 47. flame resistant fibers comprise meta-aramid fibers.
- (Previously Presented) The fabric of claim 43, wherein the cellulosic 48. fibers comprise rayon, acetate, triacetate, lyocell, or combinations thereof.
- (Previously Presented) The fabric of claim 43, wherein the cellulosic 49. fibers comprise rayon fibers.
- (Previously Presented) The fabric of claim 43, wherein the fabric 50. contains a phosphorus compound flame retardant in a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.
- (Previously Presented) The fabric of claim 43, wherein the fabric 51. exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 1431 Method 5903.1 using a three second exposure.
- (Previously Presented) The fabric of claim 43, wherein the fabric 52. exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).
- (Previously Presented) The fabric of claim 43, wherein the inherently 53. flame resistant fibers of the fabric have been dyed a shade of color which would result

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in an L value between approximately 18 and the griege L value for the fabric if the

inherently flame resistant fibers were used to form a fabric composed exclusively of

the inherently flame resistant fibers.

54. (Currently Amended) A dyeable flame resistant fabric, comprising:

dyed, inherently flame resistant fibers that were uncolored in fiber form and

that are dyeable when the fibers are uncrystallized; and

cellulosic fibers that are dyeable and contained a flame retardant compound in

fiber form.

55. (Previously Presented) The fabric of claim 54, wherein the fabric

contains a residual amount of a dye-assistant selected from the group consisting of N-

cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N,N-

diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide,

N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, an approximately 50/50

blend of N,N-dimethylcaprylamide and N,N-dimethylcapramide, and mixtures

thereof.

56. (Previously Presented) The fabric of claim 54, wherein the dye-

assistant is selected from the group consisting of N-cyclohexylpyrrolidone, benzyl

alcohol, N,N-dibutylformamide, and mixtures thereof.

57. (Previously Presented) The fabric of claim 54, wherein the inherently

flame resistant fibers comprise a material selected from the group consisting of

aromatic polyamide, polyamide imide, polyimide, and combinations thereof.

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- 58. (Previously Presented) The fabric of claim 54, wherein the inherently flame resistant fibers comprise meta-aramid fibers.
- 59. (Previously Presented) The fabric of claim 54, wherein the cellulosic fibers comprise rayon, acetate, triacetate, lyocell, or combinations thereof.
- 60. (Previously Presented) The fabric of claim 54, wherein the cellulosic fibers comprise rayon fibers.
- 61. (Previously Presented) The fabric of claim 54, wherein the fabric contains a phosphorus compound flame retardant in a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.
- 62. (Previously Presented) The fabric of claim 54, wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 1431 Method 5903.1 using a three second exposure.
- 63. (Previously Presented) The fabric of claim 54, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).
- 64. (Previously Presented) The fabric of claim 54, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the griege L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.